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Research Information:

Utility, Design and Plant Patents  
patno=6332280

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**Patent Number :**

US2001037585 A1 20011108 [US20010037585]

**Patent Number 2 :**

US6332280 B2 20011225 [US6332280]

**Title :**

(A1) Vacuum processing apparatus and operating method therefor

**Patent Assignee :**

(B2) HITACHI LTD (US)

**Patent Assignee :**

Hitachi, Ltd., Tokyo [JP]

**Patent Assignee 2 :**

(B2) HITACHI LTD (US)

**Inventor(s) :**

(A1) KATO SHIGEKAZU (JP); NISHIHATA KOUJI (JP); TSUBONE TSUNEHICO  
(JP); ITOU ATSUSHI (JP)

**Application Nbr :**

US76783401 20010124 [2001US-0767834]

**Filing Details :**

Divsn of US461432 19991216 [1999US-0461432]

Cont. of US177495 19981023 [1998US-0177495]

Cont. of US061062 19980416 [1998US-0061062]

Cont. of US882731 19970626 [1997US-0882731]

Divsn of US593870 19960130 [1996US-0593870]

Cont. of US443039 19950517 [1995US-0443039]

Divsn of US302443 19940909 [1994US-0302443]

Cont. of US096256 19930726 [1993US-0096256]

Cont. of US751952 19910829 [1991US-0751952]

Continuation of: US6012235

Continuation of: US5950330

Continuation of: US5784799

Division of: US5661913

Continuation of: US5553396

Division of: US5457896

Continuation of: US5349762

Continuation of: US5314509

**Priority Details :**

JP22532190 19900829 [1990JP-0225321]

US6106298 19980416 [1998US-0061062]

US9625693 19930726 [1993US-0096256]

US17749598 19981023 [1998US-0177495]

US30244394 19940909 [1994US-0302443]

US44303995 19950517 [1995US-0443039]

US46143299 19991216 [1999US-0461432]

US59387096 19960130 [1996US-0593870]

US75195291 19910829 [1991US-0751952]

US76783401 20010124 [2001US-0767834]

US88273197 19970626 [1997US-0882731]

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**Patent Number :**  
US2001037585 A1 20011108 [US20010037585]  
US6332280 B2 20011225 [US6332280]  
**Application Number :**  
US76783401 20010124 [2001US-0767834]  
**Action Taken :**  
20020604 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20020201  
**Update Code :**  
2003-22

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**Patent Number :**  
6,332,280 A 20011225 [US6332280]  
**Patent Assignee :**  
Hitachi Ltd JP  
**Actions :**  
20020201 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020604  
REISSUE REQUEST NUMBER: 10/060204  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3749

Reissue Patent Number:

1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

**6332280**

[Link to Claims Section](#)

December 25, 2001

Vacuum processing apparatus

**REISSUE:** February 1, 2002 - Reissue Application filed Ex. Gp.: 3749; Re. S.N. 10/060,204 (O.G. June 4, 2002)

**INVENTOR:** Kato, Shigekazu - Kudamatsu, Japan (JP); Nishihata, Kouji - Tokuyama, Japan (JP); Tsubone, Tsunehiko - Hikari, Japan (JP); Itou, Atsushi - Kudamatsu, Japan (JP)

**APPL-NO:** 767834 (09)

**FILED-DATE:** January 24, 2001

**GRANTED-DATE:** December 25, 2001

**ASSIGNEE-AT-ISSUE:** Hitachi, Ltd., Tokyo, Japan (JP), Foreign company or corporation (03)

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pre	precedes by N words
in	in same paragraph
not in	not in same paragraph
seg	in same segment
not seg	not in same segment
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767834 (09) 6332280 December 25, 2001

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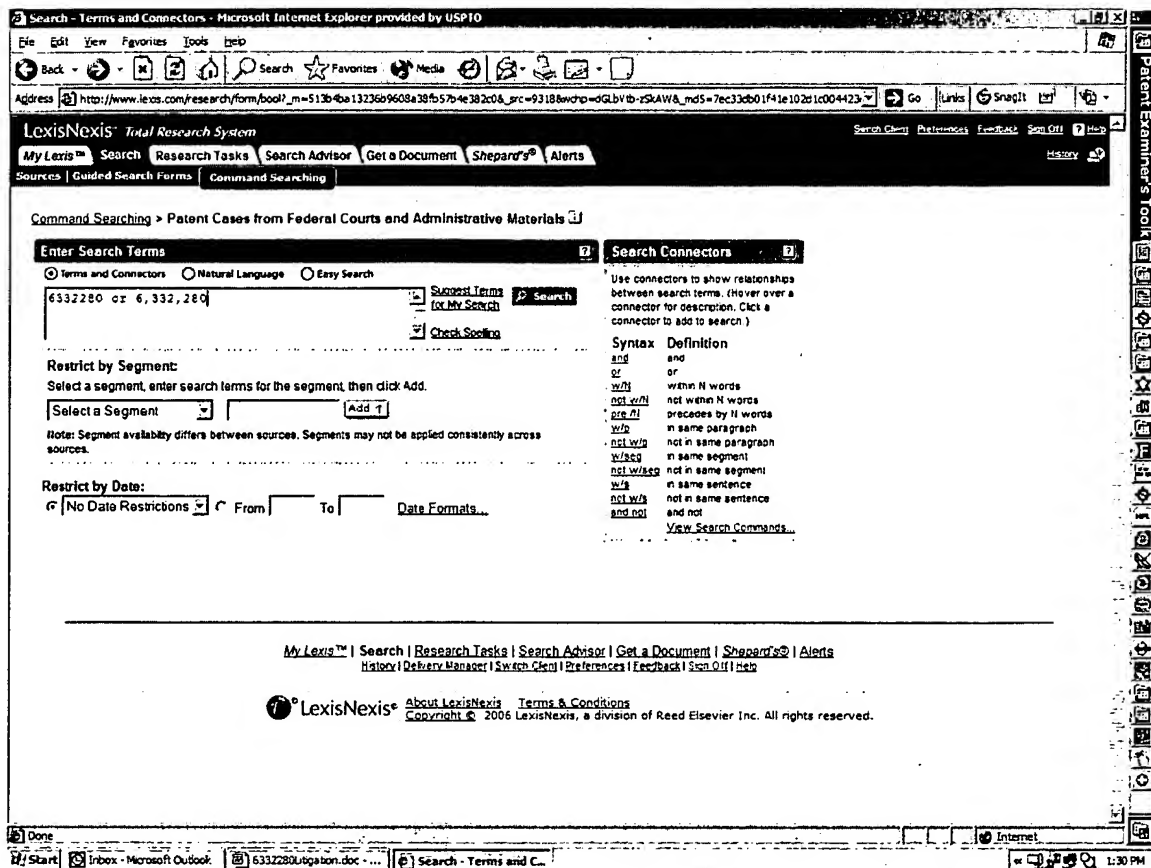
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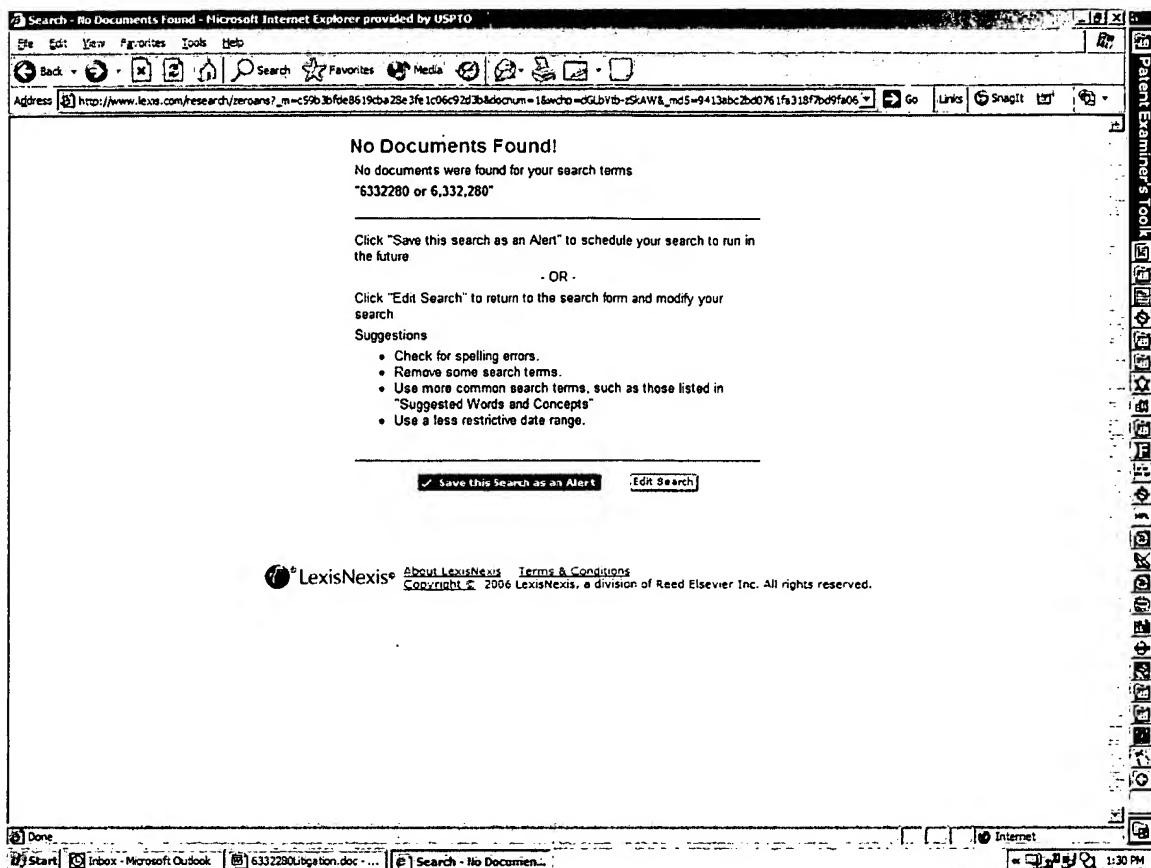
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or	or
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not w/n	not within N words
pre N	precedes by N words
in	in same paragraph
not in	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not

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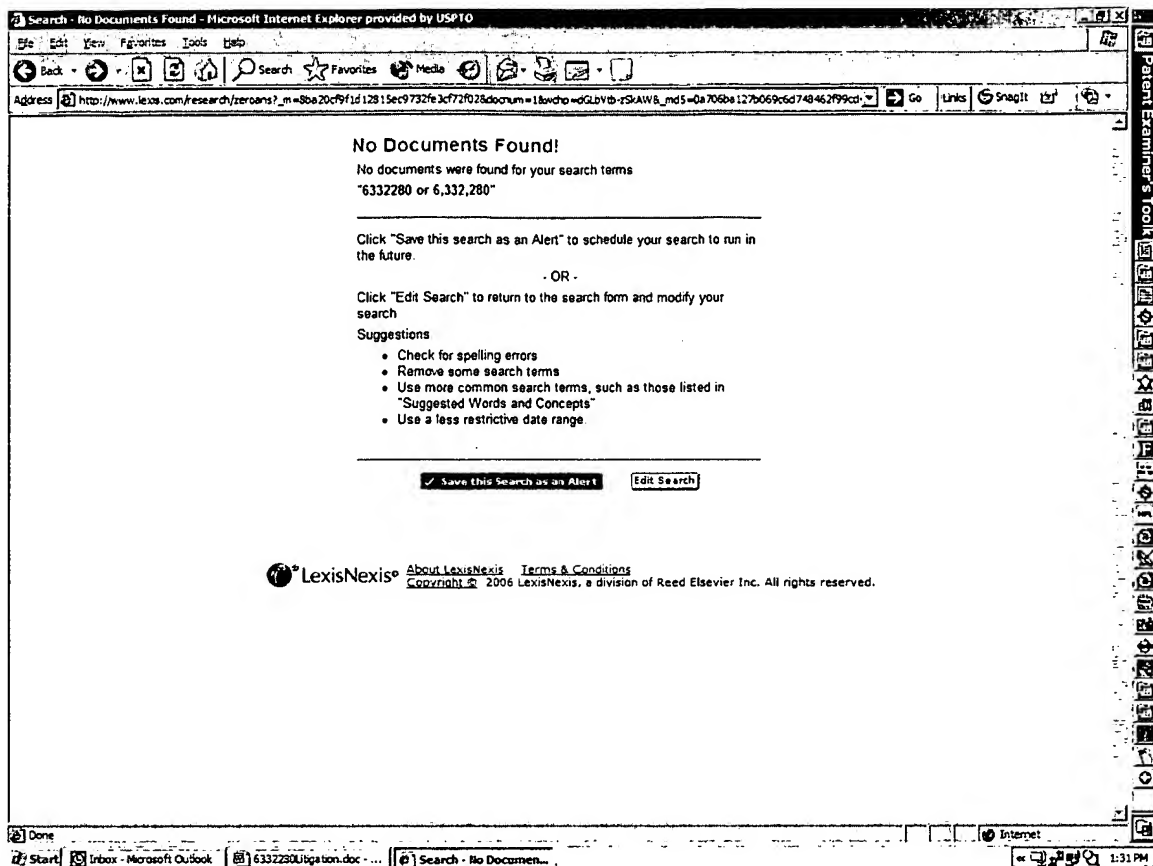
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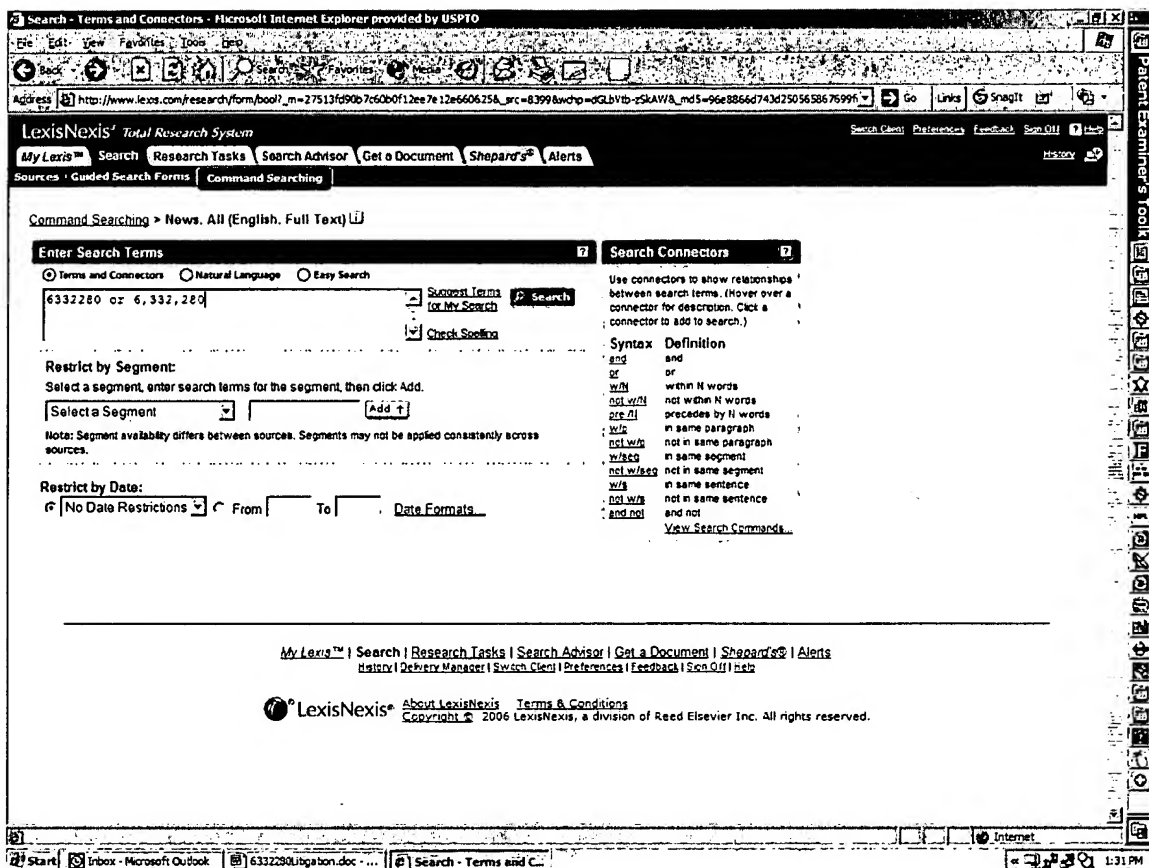
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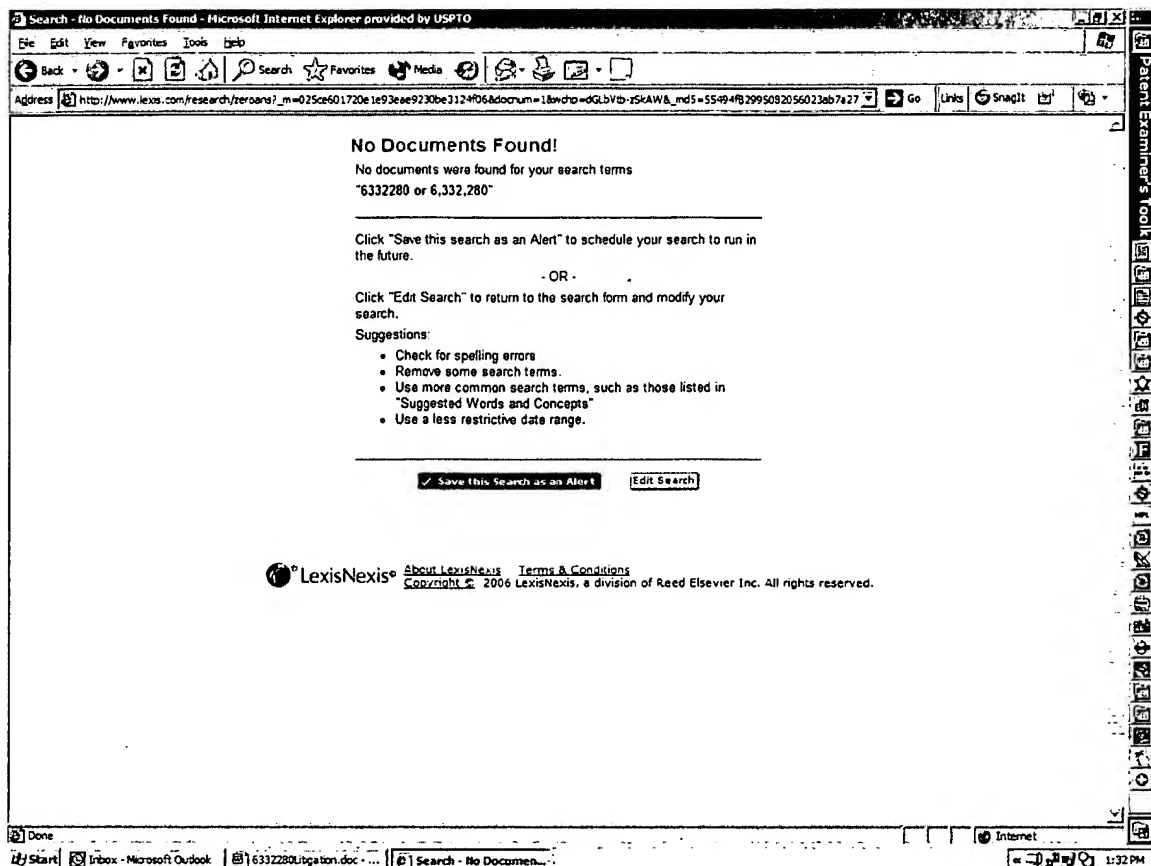
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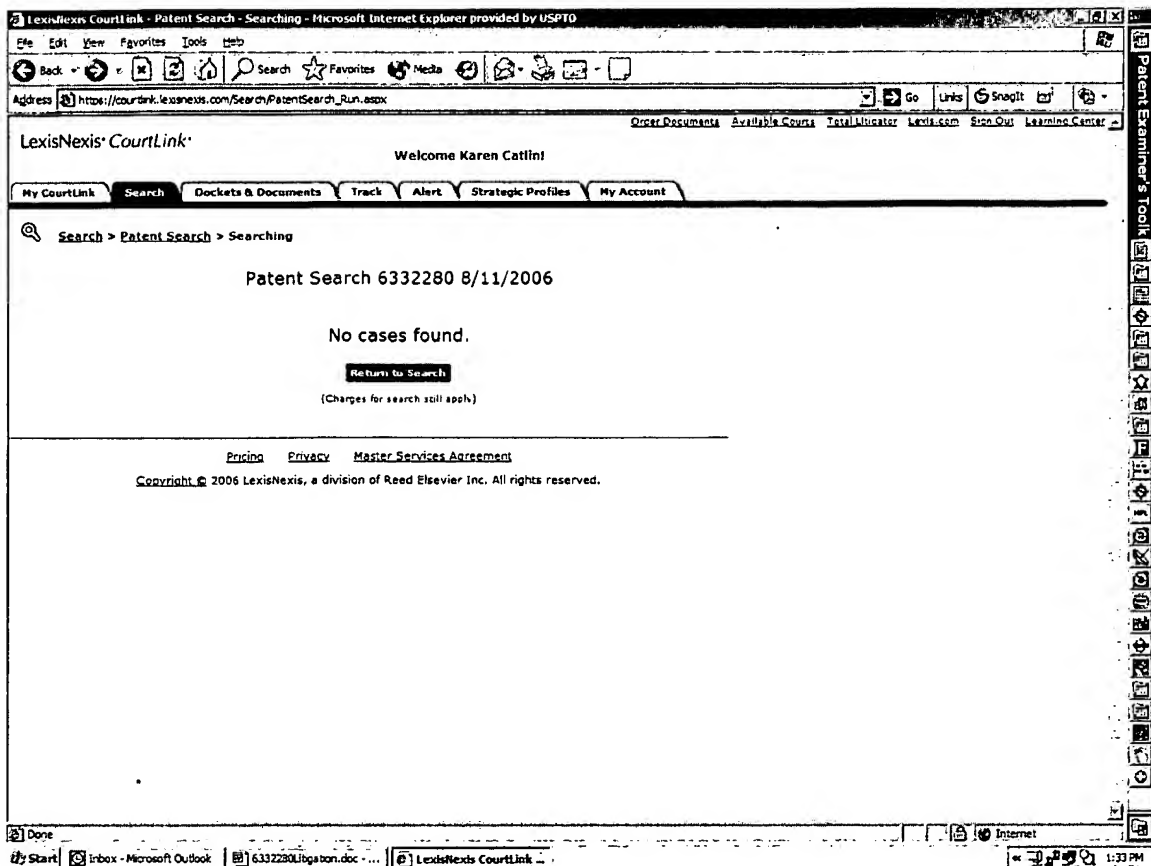
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